

FIGURE 1 – PRIOR ART

Date mailed
Aug 14, 2000

Please bring entire bill if payment is made in person or return stub with your payment by mail.

08 2910 0318
S

**Total Amount Due
\$15.97
Please Pay This
Amount By 09/01/00**

The Gas Company
P O Box

0811008L 0168.035462 1 AV 0 243
MARLIN BARRERA

1257 W 41ST ST
LOS ANGELES CA 90037-1705

|||||

Your Account Number
076 405 8410 3

80 0764058410 00001597 37 0764058410 0000159737

102 101 103 101 104 101

FIGURE 2 – PRIOR ART

Electric Company WE SERVE YOU BETTER

025104183313070169440494084148114

Account Number	Service To	Amount Due	Amount Enclosed
HTC 71 69444-4	08/09/00	\$148 11	

H:1.3.327 1 AC 0.238 **C003

DIANE M LEWIS
3701 LIZ DR
BAKERSFIELD CA 93312-2308

Box
Sacramento, CA
95899-7300

08/10

Please return this portion with your payment Thank you

0x 251

FIGURE 3 – PRIOR ART

Return This Section With Your Payment

22032107017 4500518

***** AUTOOCR **C037

|||||

JAMES BARBERA
191 ERIAL RD
PINE HILL, NJ 08021-4427

PO Box
Folsom, NJ 08037-6000

☐ YES! I want pipe protection at \$1.50 per month

☐ Check for name address, phone corrections

Past Due After Aug 12 2000 Please Pay \$45.00

FIGURE 4 – PRIOR ART

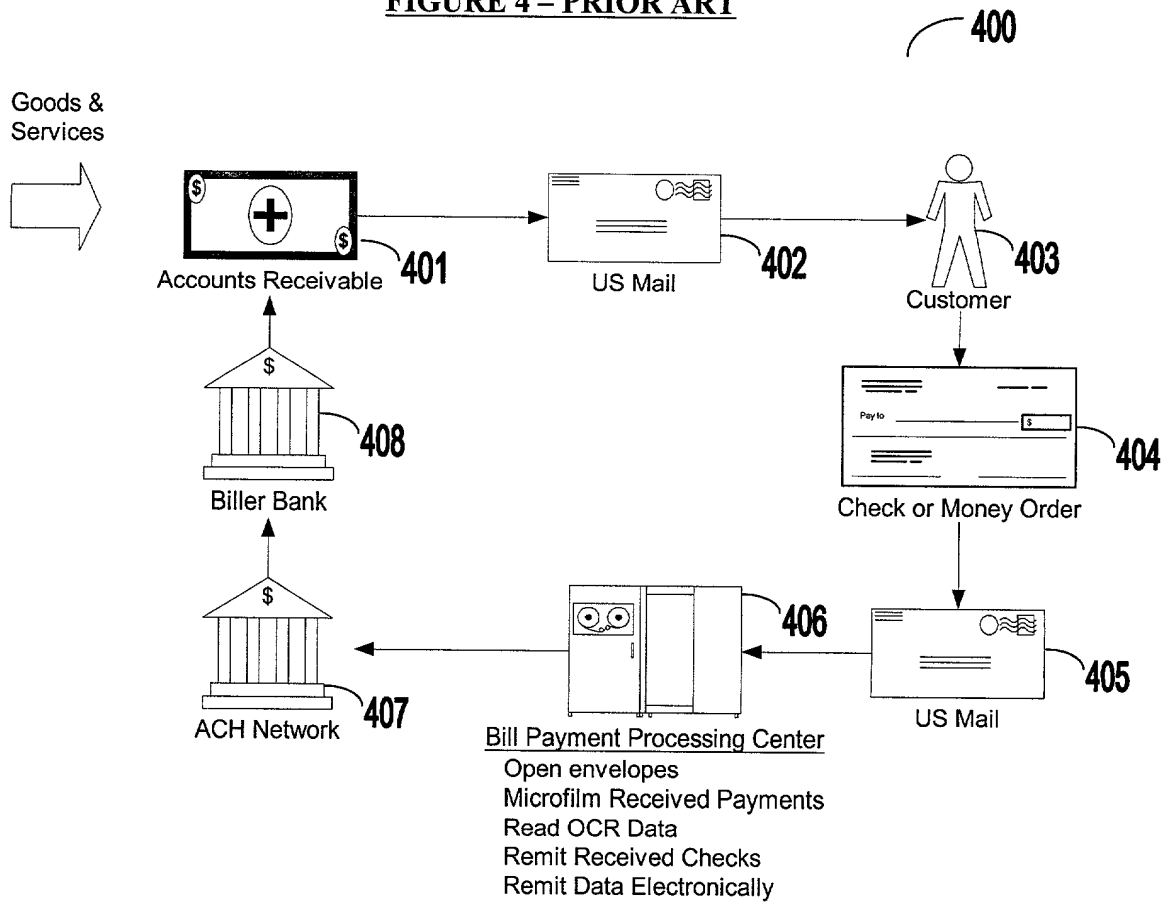


FIGURE 5

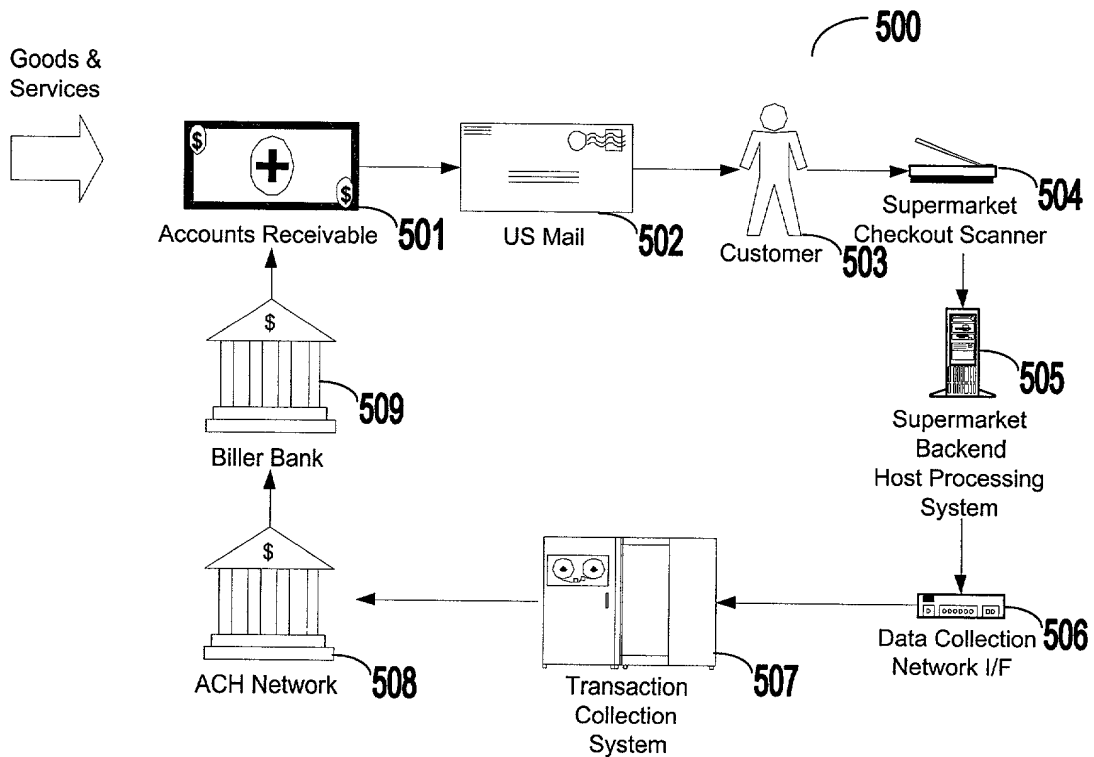


FIGURE 6

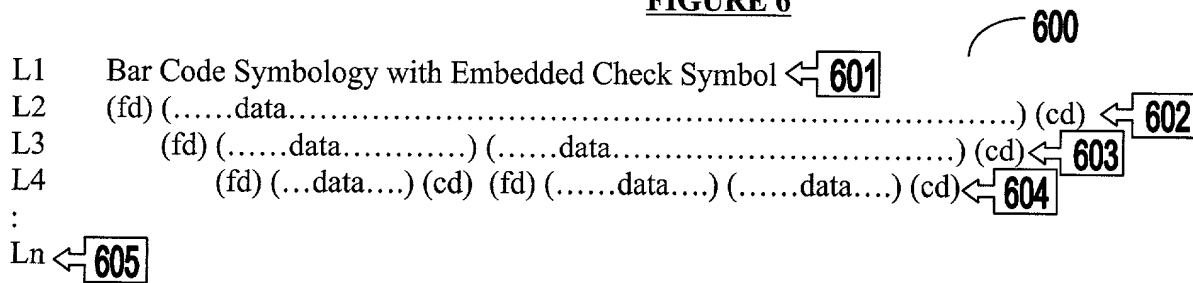


FIGURE 7

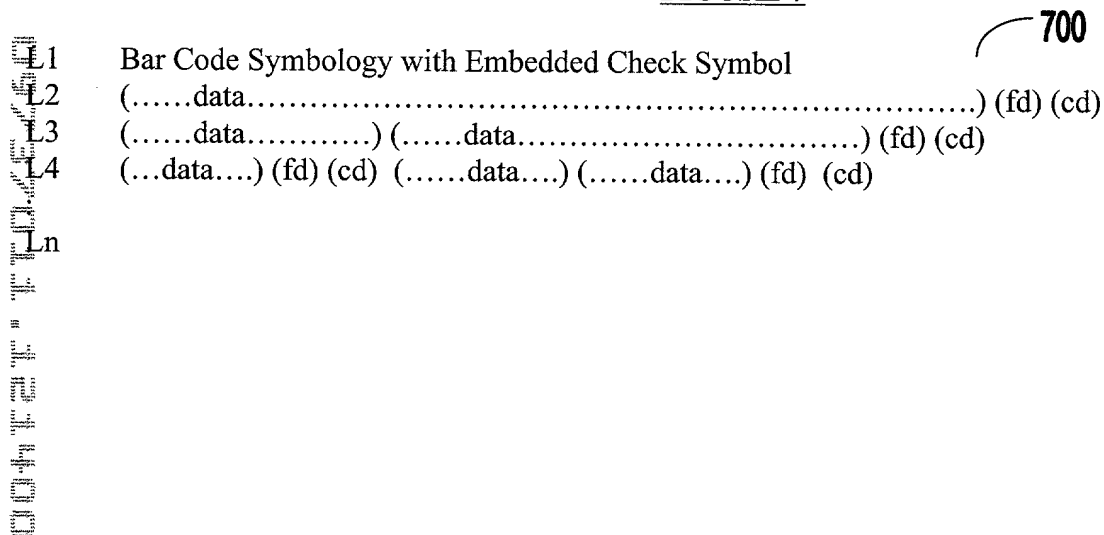


FIGURE 8

LEVEL 1 ENVELOPE 800



FIGURE 9

LEVEL 2 ENVELOPE

130001735076405841036 3

900

Digit	Weight	Digit*Weight	Sum of Digits	Running Sum
1	1	1	1	1
3	3	9	9	10
0	1	0	0	10
0	3	0	0	10
0	1	0	0	10
1	3	3	3	13
7	1	7	7	20
3	3	9	9	29
5	1	5	5	34
0	3	0	0	34
7	1	7	7	41
6	3	18	9	50
4	1	4	4	54
0	3	0	0	54
5	1	5	5	59
8	3	24	6	65
4	1	4	4	69
1	3	3	3	72
0	1	0	0	72
3	3	9	9	81
6	1	6	6	87
3				

034422 "TFOE/60

FIGURE 10

LEVEL 3 ENVELOPE

1000

Format Designator Value – 3

Example – 3 000173 5 0764058410 3 6

- 1 Digit Format Designator Value = 3 ← 1001
- 6 Digit Biller Identification Number ← 1002
- 1 Check Digit of preceding 6 digits using 371371 weights, MOD10 algorithm ← 1003
- Number of Components (1 Fixed Length (7), 1 Variable Length) (By Definition) ← 1004
- Customer Account Number with embedded (and known algorithm) check digit (3) ← 1005
- Calculated check digit of Level 3 data using 2121... weights, Split MOD10 algorithm (6) ← 1006

FIGURE 11

LEVEL 3 ENVELOPE

1100

Format Designator Value – 4

Example – 3 000173 5 0764058410 3 4

- 1 Digit Format Designator Value = 4 ← 1101
- 6 Digit Biller Identification Number ← 1102
- 1 Check Digit of preceding 6 digits using 371371 weights, MOD10 algorithm ← 1103
- Number of Components (1 Fixed Length (7), 1 Variable Length) (By Definition) ← 1104
- Customer Account Number with added check digit to be discarded before presentment to biller (3) ← 1105
- Calculated check digit of Level 3 data using 2121... weights, Split MOD10 algorithm (4) ← 1106

004426
"F04626"

FIGURE 12

VALID ACCOUNT NUMBER

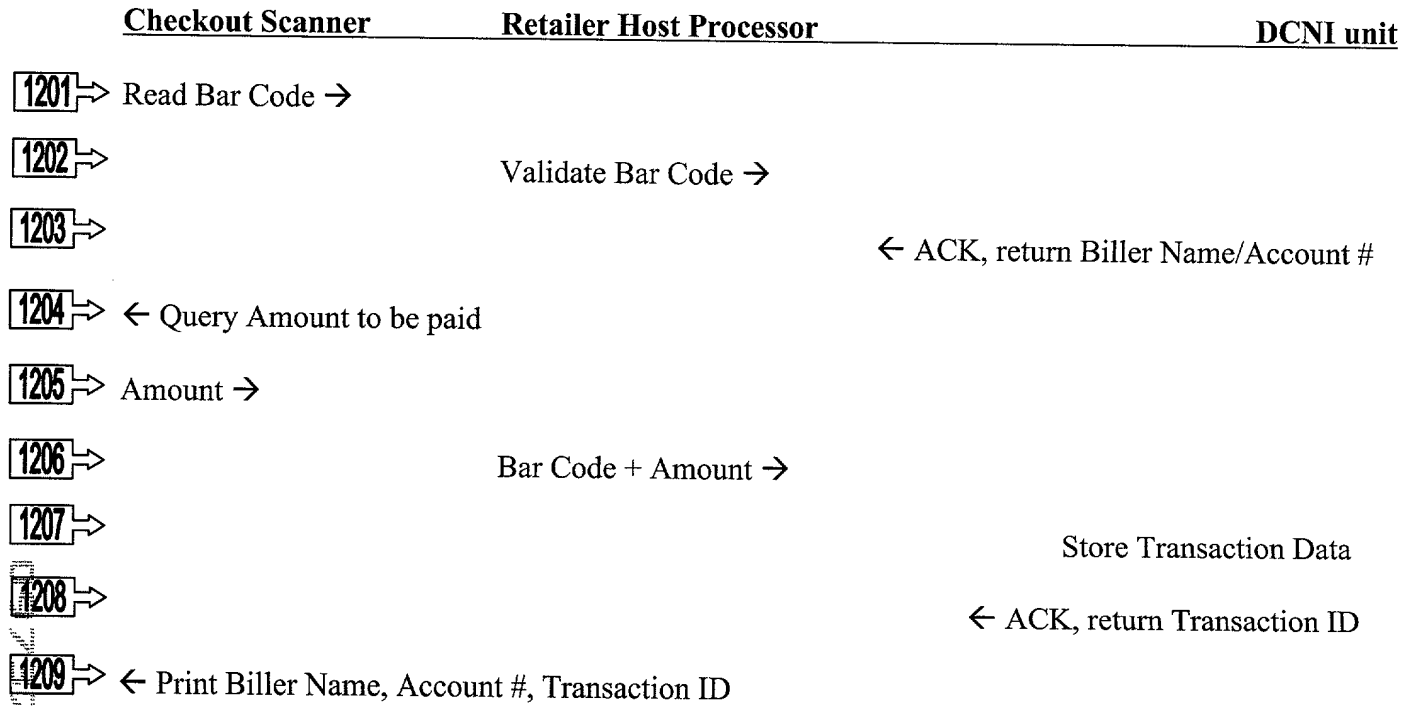


FIGURE 13

INVALID ACCOUNT NUMBER

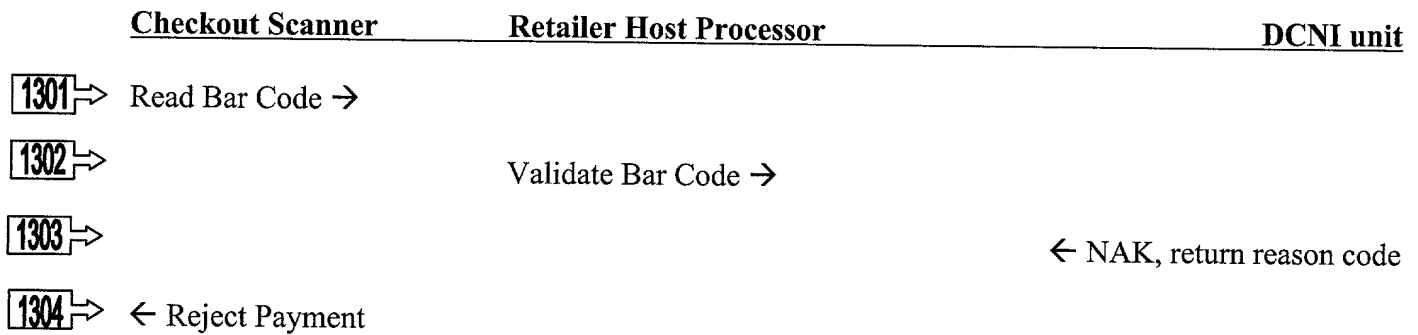


FIGURE 14

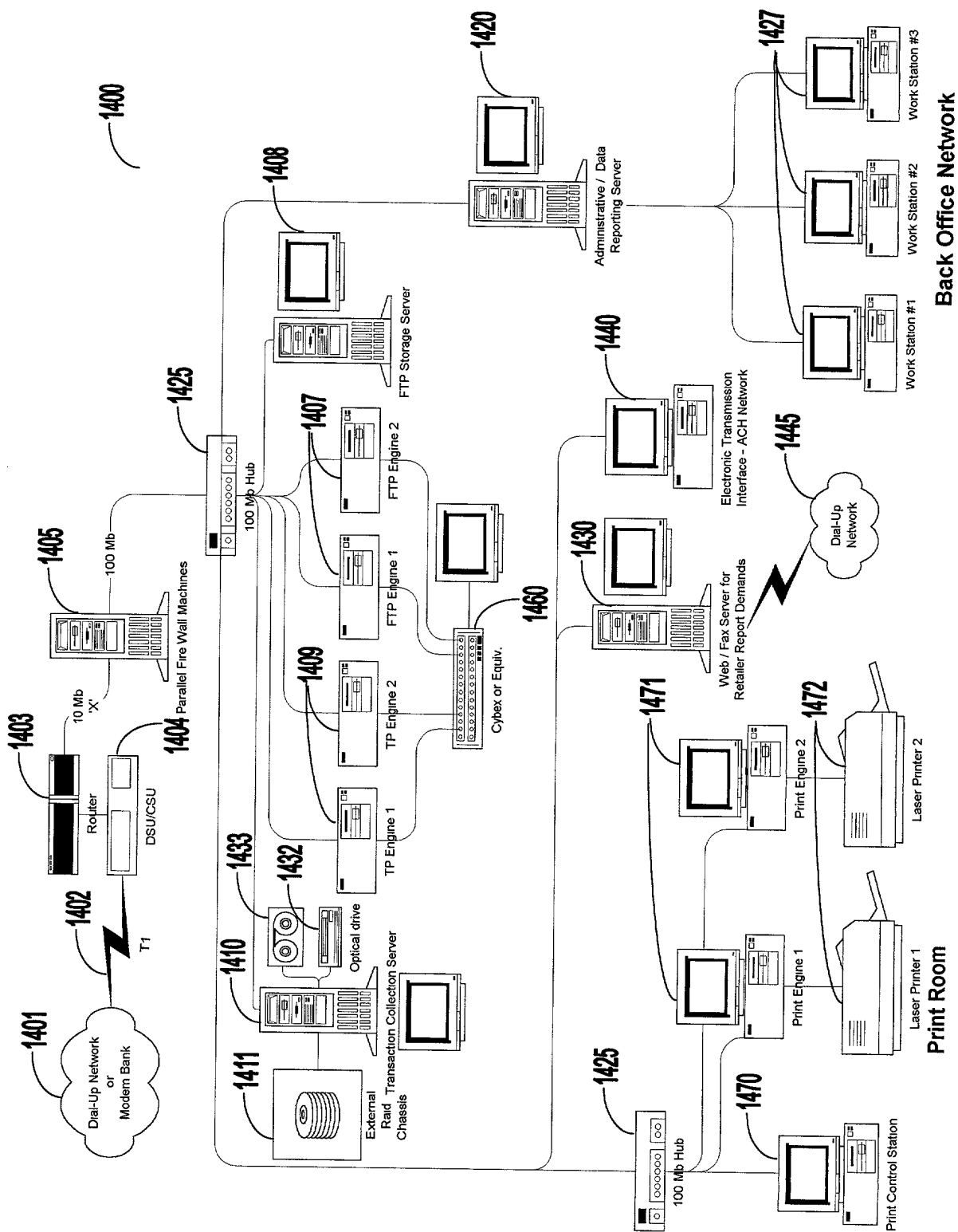
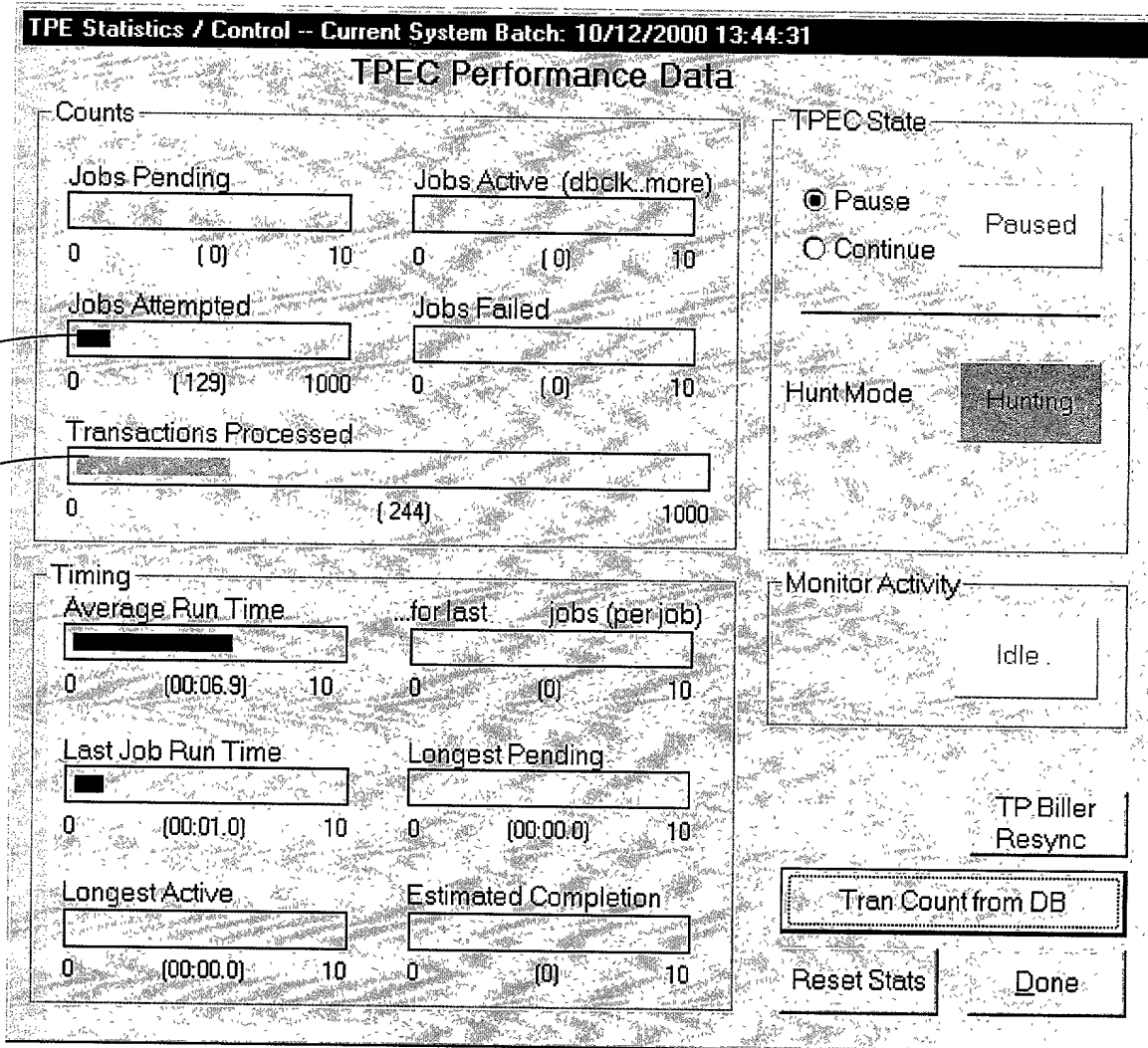


FIGURE 15

1500



004422 TPEC

FIGURE 16

1600

SMS, Version: 1.48 6/22/00

Tools

Distributors

ID	Name
5	Maine/NH
6	LA East
7	Las Vegas
8	Tenn/Miss
9	North Central Californ
10	New Mexico
11	LA West
12	NY/NJ

Sites/Agents

Site	Agent Name
000012	New York / New Jers
000912	NY/NJ Training Term
147224	McDermott Pharmacy,
147231	C-Town Supermarket
147483	Hospital Pharmacy
147497	Communications of A
147511	CCP Check Cashing
147525	United Check Cashing
147595	United Ck Cashing -
147623	Roman Express Servi
147630	E & A Grocery
147644	United Check Cashing
147700	Amboy Check X Chang
147707	Marin Travel
147714	Express Check Cashi
147721	Express Check Cashi

Directory Structure

- z:\inetpub\ftproot
 - achdata
 - achreports
 - billspool.dir
 - commlogs
 - csxfer
 - distributor_1
 - distributor_10
 - distributor_11
 - distributor_12
 - instructions
 - outbound
 - instructions
 - site_000012
 - instructions
 - site_000912
 - instructions
 - site_147224
 - instructions
 - site_147231
 - site_147483
 - site_147497
 - site_147511
 - instructions
 - site_147525
 - site_147595
 - site_147623

PT's Allowed 17 PT's FTP Server Count 2 CAPS NUM INS 10/16/2000 6:53 AM

FIGURE 17

End of Batch Manager, Version: 1.42d-branch 8/14/00

System Batch

Current Batch: Oct 17 2000 1:55:31 PM

Next Batch: Oct 18 2000 9:00:00 AM

Time Left: 02:44:52

☐ Hold
 ☐ Rollover Now

Manual Edit Counts

Closed Batch: 0

Open Batch: 0

☐ Move pending manual edits to the next Batch

Consolidation

Phase:

Table:

Reporting

Report:

☐ Skip

Trimming

Phase:

Table:

Archiving

Check Printing

Checks left to print: 0

Reports

Override

Exit

1701

The CS is collecting jobs, waiting for the next rollover to occur.

FIGURE 18

ETI, Version: 2.30-dev 8/15/00

Input Data

System Batch Number

2000/09/27 13:04:00

2000/09/28 13:09:17

2000/09/29 13:17:45

2000/10/02 11:46:12

2000/10/03 13:02:50

2000/10/04 13:33:57

2000/10/05 13:38:12

2000/10/06 13:39:37

2000/10/09 13:07:15

2000/10/10 12:45:51

2000/10/11 13:35:09

2000/10/12 13:44:31

Refresh

Partners in selected system batch

Bell Atlantic, NJ

CitiBank

CNP (Central Maine Power)

MCRPS

PNM

USWest

Transaction Count

8

26

0

416

44

41

Total Amount

1,226.58

3,865.72

0.00

17,967.98

2,084.31

2,558.86

Holiday Skip

1801

Edit Configuration

Edit Electronic Trading Partner Details

UnGrey Create

Map Biller to Electronic Trading / Memo Posting Partner

1802

Current Electronic Batches

☒ Hide Deleted Batches

☐ Hide Completed Batches

Search Back Days: 10

Ending SBN	Starting SBN	BatchID	Status	Partner Name	Amount	ACHInfo	Time Added	Time Queued
2000/10/11 13:35:09	2000/10/11 13:35:09	002210	Complete	USWest Memo ...	1,673.23	Memo Pos...	2000/10/11 14:47:03	2000/10/11 14:47:03
2000/10/11 13:35:09	2000/10/11 13:35:09	002211	Complete	USWest Memo ...	554.49	Memo Pos...	2000/10/11 15:16:25	2000/10/11 15:16:25
2000/10/11 13:35:09	2000/10/11 13:35:09	002212	Complete	USWest Memo ...	1,055.45	Memo Pos...	2000/10/12 02:46:26	2000/10/12 02:46:26
2000/10/11 13:35:09	2000/10/11 13:35:09	002213	Complete	USWest	2,558.86	20001012...	2000/10/12 14:19:04	2000/10/12 14:30:00
2000/10/11 13:35:09	2000/10/11 13:35:09	002214	Complete	CitiBank	3,865.72	20001012...	2000/10/12 14:20:22	2000/10/12 14:29:00
2000/10/11 13:35:09	2000/10/11 13:35:09	002215	Complete	PNM	2,084.31	20001012...	2000/10/12 14:20:54	2000/10/12 14:29:00
2000/10/11 13:35:09	2000/10/11 13:35:09	002216	Complete	MCRPS	17,967.98	20001012...	2000/10/12 14:21:34	2000/10/12 14:29:00
2000/10/11 13:35:09	2000/10/11 13:35:09	002217	Complete	Bell Atlantic, NJ	1,226.58	20001012...	2000/10/12 14:28:17	2000/10/12 14:29:00
2000/10/12 13:44:31	2000/10/12 13:44:31	002218	Complete	USWest Memo	1,104.86	Memo Pos	2000/10/12 14:46:25	2000/10/12 14:46:25

Selected: (none)

Delete

Queue

Retry

Report

Gen. Report on Completion

Response File Reports

Idle

NUM

CAPS

INS

10/16/2000

6:35 AM

1900

1904

1903

1902

1901

FIGURE 19

Electronic Transaction Detail -- 10/11/2000 13:35:09 -- MCRPS -- Total: 17,967.98						
BillerName	BatchNumber	CandTBatchID	CandTID	Account Number	Amount	
Pacific Bell***Van Nuys	10/11/2000 14:27:13	14756020001011142713	67	3232355419925	28.92	
Gas Company	10/11/2000 14:28:57	14942920001011140848	38	04142597006	62.74	
Gas Company	10/11/2000 14:30:57	15169020001011143057	30	09212229000	52.57	
Gas Company	10/11/2000 14:30:57	15169020001011143057	31	10472233278	22.09	
Pacific Bell***Van Nuys	10/11/2000 14:32:27	15133320001011141214	37	3232343487096	83.51	
Pacific Bell***Van Nuys	10/11/2000 14:32:27	15133320001011141214	38	3232330153356	16.47	
Pacific Bell***Van Nuys	10/11/2000 14:32:27	15133320001011141214	39	3232345545400	43.11	
Pacific Bell***Van Nuys	10/11/2000 14:37:08	15116520001011143708	23	3237213017757	26.15	
Verizon***PO 30001	10/11/2000 14:37:08	15116520001011143708	24	012863119714133204	16.51	
Gas Company	10/11/2000 14:39:13	14942920001011143913	39	13792569355	19.69	
Gas Company	10/11/2000 14:39:13	14942920001011143913	41	11872356669	14.87	
Gas Company	10/11/2000 14:41:13	15241120001011130043	30	18450075338	25.92	
Pacific Bell***Van Nuys	10/11/2000 14:41:13	15241120001011130043	31	3235664941063	23.30	
Pacific Bell***Van Nuys	10/11/2000 14:41:31	15279620001011144131	26	7149721087141	134.83	
Pacific Bell***Van Nuys	10/11/2000 14:41:31	15279620001011144131	27	7145422082046	78.45	
Pacific Bell***Van Nuys	10/11/2000 14:41:31	15279620001011144131	28	7146670583861	34.92	
Pacific Bell***Van Nuys	10/11/2000 14:42:52	15133320001011141214	40	3232354980440	59.21	
Gas Company	10/11/2000 14:48:05	15206120001011144805	29	04980034310	5.89	
Pacific Bell***Van Nuys	10/11/2000 14:48:05	15206120001011144805	28	3232222330254	27.25	
Pacific Bell***Van Nuys	10/11/2000 14:48:05	15206120001011144805	30	3232346559956	170.62	
Edison Company***Box 600	10/11/2000 14:50:57	15241120001011145057	40	145310983	17.98	
Gas Company	10/11/2000 14:50:57	15241120001011144113	32	15810083004	9.45	
Gas Company	10/11/2000 14:50:57	15241120001011145057	35	16150075766	51.70	
Gas Company	10/11/2000 14:50:57	15241120001011145057	37	11100103701	47.93	
Gas Company	10/11/2000 14:50:57	15241120001011145057	41	02350083008	15.25	
LA Municipal Services***Box 10324	10/11/2000 14:50:57	15241120001011145057	39	1089762100760009002501	137.22	
Pacific Bell***Van Nuys	10/11/2000 14:50:57	15241120001011144113	33	3235835923416	30.67	
Pacific Bell***Van Nuys	10/11/2000 14:50:57	15241120001011145057	36	3237525463426	29.25	

Close

2001

2002

2000

Map Biller to Partner

BillID	BillerName	Cash Payment Method	Electronic Trading Partner	Memo Posting Partner
00111	Verizon**PO 30001	Electronic	MCRPS	USWest Memo Postings ...
00112	US West Communications**Phoenix	Electronic	USWest	
00130	Salt River Project	Electronic	CitBank (inactive)	
00134	Discover Private Issue**Box 7061	Electronic	CitBank	
00140	Pacific Bell**Van Nuys	Electronic	MCRPS	
00145	APS	Electronic	CitBank (inactive)	
00148	Central Maine Power	Electronic	CMP (Central Maine Pow...	
00160	American Express**Bx 2853, NY NY	Electronic	CitBank (inactive)	
00161	Con Edison**PO 1702	Electronic	CitBank	
00173	Gas Company	Electronic	MCRPS	
00180	Edison Company**Box 600	Electronic	MCRPS	
00187	Northern Utilities, Inc** PO 4320	Electronic	CitBank	
00190	Verizon**PO 4830	Electronic	Bell Atlantic, NJ	
00191	PSE&G**NJ	Electronic	CitBank	
00198	Discover Card**1730 South	Electronic	CitBank	
00201	Texaco**Tampa	Electronic	CitBank	
00209	Cablevision of NYC**Soundview Av	Electronic	CitBank	
00228	AT&T Universal Card Services**Columbus	Electronic	CitBank	
00256	PG&E**Embarcadero Drive	Electronic	CitBank	
00261	Sprint **PO 52243	Electronic	CitBank	
00266	Cablevision of Long Island	Electronic	CitBank	
00268	PNM Electric & Gas Services	Electronic	PNM	
00279	Sprint **PO 650270	Electronic	CitBank	
00285	LA Municipal Services**Box 10324	Electronic	CitBank	
00290	Bell Atlantic**28007	Electronic	MCRPS	
00304	Sprint **PO 52243	Electronic	CitBank	
00316	Pacific Bell **Sacramento	Electronic	CitBank	
00348	Discover Card** Box 105430	Electronic	MCRPS	
00362	American Express**Los Angeles	Electronic	CitBank	
		Electronic	CitBank (inactive)	

Electronic Partner

Activate

Deactivate

Edit Map

Change

Electronic

Manual

Memo Posting Partner

Change

Clear

Edit Biller ACH Details

Close

Selected: 00100 - NorthEast Power and Light

FIGURE 20

